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SEVENTY-SIXTH ANNUAL REPORT
OF
THE TRUSTEES
OF THE
WORCESTER INSANE HOSPITAL,
AND
THIRTY-FIRST ANNUAL REPORT OF THE TRUSTEES
OF THE
WORCESTER INSANE ASYLUM AT WORCESTER,
FOR THE
YEAR ENDING NOVEMBER 30, 1908.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1909.

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Mass.: Worcester state hospital



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STATE BOARD OF REGISTRATION

Mass. Officials.

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THE STATE BOARD OF PUBLICATION.

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OFFICERS OF THE HOSPITAL.

TRUSTEES.

T. HOVEY GAGE, JR.,	WORCESTER.
THOMAS RUSSELL,	BOSTON.
SARAH E. WHITIN,	.	.	.	.	.	.	WHITINSVILLE.
FRANCES M. LINCOLN,	.	.	.	.	.	.	WORCESTER.
SAMUEL B. WOODWARD,	.	.	.	.	.	.	WORCESTER.
GÉORGE F. BLAKE,	.	.	.	.	.	.	WORCESTER.
LYMAN A. ELY,	.	.	.	.	.	.	WORCESTER.

RESIDENT OFFICERS.

HOSEA M. QUINBY, M.D.,	.	.	.	.	<i>Superintendent.</i>
THEODORE A. HOCH, M.D.,	.	.	.	.	<i>First Assistant Physician.</i>
EDWARD MELLUS, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
RAY L. WHITNEY, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
MASON W. H. PITMAN, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
FLORENCE H. ABBOT, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
FREEMAN A. TOWER, M.D.,	.	.	.	.	<i>Assistant Physician and</i> <i>Pathologist.</i>
HOWARD A. KNOX, M.D.,	.	.	.	.	<i>Junior Assistant.</i>
PERCY A. DODGE, M.D.,	.	.	.	.	<i>Junior Assistant.</i>
FRED G. CAMPBELL,	.	.	.	.	<i>Junior Assistant.</i>
IDA A. McNEIL,	.	.	.	.	<i>Superintendent of Nurses.</i>
LILA J. GORDON,	.	.	.	.	<i>Matron.</i>
HENRY R. CENTER,	.	.	.	.	<i>Steward.</i>
JOSEPH T. REYNOLDS,	.	.	.	.	<i>Farmer.</i>

NON-RESIDENT OFFICERS.

GEORGE E. PARESEAU,	.	.	.	.	<i>Druggist.</i>
ALBERT WOOD,	.	.	.	.	<i>Treasurer.</i>
GEORGE L. CLARK,	.	.	.	.	<i>Auditor.</i>
JESSIE M. D. HAMILTON,	.	.	.	.	<i>Clerk.</i>
JAMES DICKISON, JR.,	.	.	.	.	<i>Engineer.</i>

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester Insane Hospital respectfully submit their seventy-sixth annual report.

The report of the superintendent and treasurer are annexed hereto, containing in detail statements of the financial condition of the hospital, of the commitment, discharge and transfer of patients, of the health of the institution, of the work in the training school for nurses and of changes in the staff of the institution.

The work upon the alterations, additions and improvements contemplated in the appropriations granted last year has been prosecuted as fast as possible and will be completed the coming year.

No new work will be undertaken this year.

The trustees again urge the expediency of buying the Putnam and Curtis lands, to which attention has been called in their last two reports. The Commonwealth has too large an investment in this centrally located and well-equipped hospital to hazard any impairment of its value through the encroachment of undesirable surroundings. When this institution was established on its present location, in 1870, it was planned to accommodate 400 patients, and about 375 acres of land were purchased for \$110,000, or an average of nearly \$300 per acre. The Commonwealth desired at that time to secure both these tracts of land, but the owners would not then sell. It is possible now, however, to secure the Putnam land, containing about 40 acres, for \$5,000, and the Curtis land, containing about 68 acres, for \$13,600, — an average for both of a little more than \$175 an acre.

The hospital now accommodates over 1,200 patients, and the need of more land to care properly for this great increase over the original estimate seems obvious. The institution needs more land on which to give outdoor employment to its patients. It can, with their labor, put this land to a very considerable profit to the hospital, and much more than pay a handsome interest on the investment. If this land be acquired it can extend its farming and gardening operations, keep more of the patients suitably employed in a moderate amount of outdoor labor and raise an increasing amount of its own supplies.

The Putnam tract is only a few hundred feet distant from the new ward now under construction for excited women, and lies between that ward and the city of Worcester. The city is already making extensive improvements in the direction of the hospital, and if anything is to be done to keep this ward in proper seclusion and surrounded with the necessary recreation grounds, by the purchase of property to give the necessary protection, it must be done now.

The Curtis land adjoins land of the hospital now appropriated to gardening and farming. Its purchase would give an opportunity to extend this work. Before long a new and modern farm barn will be needed, and it will doubtless be thought expedient to locate it away from its present location. It is close to the main highway between Worcester and Boston, soon to be improved by the city, and quite near a growing residential section. The Curtis land affords the only location for more extensive, efficient and economic farming.

In this connection we desire to record our approval of measures tending to lessen the hours of labor of nurses and attendants, although there has resulted something of an increase in the expense of maintenance. We believe much remains to be done in this direction, and that, to secure steady and capable employees, we must ultimately provide proper accommodations on our grounds for the men and their families. When this is undertaken the need of additional land will be imperative.

For the purchase and survey of these two tracts we ask an appropriation of \$18,000.

We renew the suggestion, made a few years ago, that a more adequate provision be made for the disposal of the hospital's

sewage. At that time the State Board of Health recommended the construction of filter beds. An appropriation for that purpose was opposed by residents in Lakeview and was defeated. An appropriation for a connection with the Worcester sewerage system was opposed by interests in the Blackstone valley and defeated. Meanwhile, the condition of things to which attention was called four or five years ago has not improved. In view of these differences of opinion the trustees of the hospital do not advocate any particular method of sewerage disposal, but do recommend that some plan be devised to dispose of the sewage in a manner satisfactory to all parties.

We take this means of expressing to the superintendent, members of the staff and all employees our appreciation of their earnest and devoted services to the institution.

Respectfully submitted,

T. HOVEY GAGE, JR.
THOMAS RUSSELL.
SARAH E. WHITIN.
FRANCES M. LINCOLN.
SAMUEL B. WOODWARD.
GEORGE F. BLAKE.
LYMAN A. ELY.

Nov. 30, 1908.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Insane Hospital.

I herewith respectfully submit the following report of the hospital for the year ending Nov. 30, 1908, it being the seventy-sixth annual report.

There remained at the hospital Oct. 1, 1907, 1,159 patients, — 584 men and 575 women. During the year ending Sept. 30, 1908, there were admitted 655 patients, — 354 men and 301 women. Five hundred and ninety-eight patients — 332 men and 266 women — were dismissed from the hospital. Of this number, 239 patients — 137 men and 102 women — were discharged; 120 patients — 77 men and 43 women — died; 158 patients — 75 men and 83 women — were transferred; and 83 patients — 43 men and 40 women — left on visit or escape, leaving at the end of the statistical year 1,216 patients, — 606 men and 610 women. Of this number, 943 were supported by the State, 2 women (habitual drunkards) by towns, 168 by friends and 103 as reimbursing patients. Of the 397 patients discharged and transferred, 95 (including 11 habitual drunkards, women) were reported recovered, 60 capable of self-support, 46 improved and 192 not improved. Two were discharged not insane. Fifty men were transferred by the State Board of Insanity to the State Colony for the Insane, Gardner, 1 man and 37 women to the State Hospital, Tewksbury, 35 women to the Worcester Insane Asylum, 20 men to the State Hospital, Foxborough, 1 woman to the Danvers Insane Hospital, 1 man to the Asylum for the Criminal Insane, Bridgewater, 1 man to the Medfield Insane Asylum, 1 man to the Massachusetts Hospital for Epileptics, Palmer, and 1 man to the Northampton State Hospital. Nineteen men and 16 women were removed from the State, and 9 women were boarded out.

There remained at the end of the year 57 patients more than

at the beginning. The smallest number under treatment on any one day was 1,117, and the largest, 1,268. The daily average number was 1,189.45.

The percentage of recoveries, calculated upon the number of discharges and deaths, was 15.8; calculated upon the number of admissions it was 14.5.

The death-rate was 6.6, calculated on the whole number of patients under treatment, and 10, calculated on the daily average number.

The general health of the hospital has been good, both as regards the patients and the employees.

Under the very efficient guidance of Miss Ida A. McNeil, superintendent of nurses, our training school has been highly prosperous. Sixteen nurses were graduated. Of these, 7 are taking post-graduate work in general hospitals and 9 remain in the hospital service, 4 as supervisors and 5 as head attendants. There will be about 60 pupil nurses enrolled in the new junior class, which begins its studies Jan. 4, 1909.

We have had an abundance of applicants this year as nurses and attendants, and for this reason have been able to secure a better class of help, and now have a considerable waiting list. The hours of work of the nurses have been shortened and their wages increased during the year at an expense to the hospital of something over \$7,000, but we hope and believe that this additional expense will be more than offset by the improvement in the character and efficiency of the service rendered.

During the winter, as in previous years, the management was glad to offer the facilities of the institution and the assistance of its medical staff to Dr. Cowles, and to the members of his class from Clark University, for a series of ten clinics, held at the hospital.

Among the improvements, alterations and additions to the hospital, authorized by the Legislature, the iron staircase and elevator in the administration building is completed. The alterations in our old coal pocket for the purpose of a bath and work rooms are progressing, although slowly, as the work here is being done entirely by our own help, with the assistance of patients, and as there is much incidental work connected therewith in the way of excavations and the building of retaining

walls for our new coal pocket, getting out stone for the same, and incidentally clearing up waste land in the rear of the hospital, all of which has occupied our attention during the summer. The contract for the addition to the women's ward was let in the early fall, and the building is now well under way. We hope to have it completed and ready for occupancy by the first of June next.

Although our request for an appropriation for the purchase of the Curtis and Putnam lands, adjoining the hospital property, has been twice refused, it is, I think, due the hospital to again present the matter to the Legislature.

It is not a matter of sentiment, or a desire to add to the hospital belongings, that makes us urge this, but a belief that it is of vital interest to the present and future welfare of the institution that this land should be secured. We now have an opportunity, through the purchase of these two small tracts, to protect ourselves from encroachment for all time, — an opportunity which if allowed to go by will probably never again occur. The hospital is here to stay, and the city, in its natural growth, must eventually include it. Now it is quite as important for the city as for the hospital that the two be kept reasonably apart, so that neither may become an annoyance to the other. Should private dwellings come to occupy the land in question, it is easy to see where reasons for complaint would constantly arise on both sides. Such buildings upon the Putnam land would be especially objectionable on account of their close proximity to the main hospital building and the women's recreation grounds, and they would, if erected, oblige us to greatly restrict the liberty now enjoyed by this portion of our inmates.

If the excellent and comprehensive plan for providing for the insane of Massachusetts, outlined by the Board of Insanity in its special report to the Legislature of 1908, and adopted for the metropolitan district, is to be extended to the rest of the State, as it most certainly should be, and each institution be provided, as therein advised, with a detached building for the treatment of acute and curable cases, this land would be absolutely necessary, being the only available land near the hospital suitable for this purpose.

The Curtis land is needed for the better carrying on of the work of the hospital. Whatever one may think of a hospital farm in general, there can be no question but what that portion devoted to vegetable gardening is a source of no inconsiderable revenue, or that it furnishes very satisfactory and most necessary employment for a large number of patients. With the growth of our institution we find that our present land, even after encroaching upon our mowings, as we have been obliged to do, is insufficient for growing the vegetables needed for our table. A considerable part of the Curtis land lying convenient to the hospital is well adapted for gardening purposes, and would not only supply our present and future needs in the way of vegetables, but would give employment to a largely increased number of patients, whom we now find it difficult to employ in any remunerative way. It would also add to our mowings, and enable us to provide for our herd at less expense, as we are now obliged to buy much of our hay.

With the growth of the institution and the consequent increase in the number of our farm employees we have no longer sufficient room in our farmhouse, and are therefore obliged to find lodgings for them in private families. This is a considerable expense to the hospital, and it is becoming more difficult every year to secure suitable quarters for our farm hands in the immediate neighborhood at reasonable rates, so that as a matter of economy, if not of compulsion, we shall soon be compelled to build for them cottages of our own. The matter, also, of housing our help in general is one which has not been fully solved, but is one for which some provision will have to be made in the near future. It would undoubtedly tend to a greater stability in the character of our help, and to longer service, if we could employ married people, which we are now unable to do, except in a few instances, on account of the lack of proper quarters. This matter will therefore probably resolve itself into providing cottages for them, as well as for our farm hands. For neither of these purposes is there any suitable place on our present grounds.

Our farm barns are not adequate to our present wants. They are unsanitary and on account of faulty construction are difficult to keep in proper repair, and are a source of large yearly

expense. We shall be obliged to replace them with a new building in the near future. Our neighbors, on the opposite side of Belmont Street, where a new residential section is rapidly growing up, would undoubtedly object to their being rebuilt where they are, and there is no other suitable and convenient place on the present hospital land.

The entire tract would be of immediate use to the institution, and would no doubt return to the State every year, in dollars and cents, sufficient to pay a fair interest on the money invested.

Dr. Cornelia B. J. Schorer resigned May 15, 1908, being obliged to give up her work on account of ill health. She had been connected with the hospital six years, and on account of her professional and executive ability, and her untiring fidelity to those placed under her charge, had come to be highly regarded by every one with whom she was brought in contact. We heartily regret the necessity which compelled her to sever her connection with the hospital. Dr. Florence H. Abbot was appointed in her place, June 15, 1908. Dr. George F. Sullivan resigned Dec. 21, 1907, to accept a general hospital appointment in New York city. Dr. Howard A. Knox resigned Sept. 28, 1908, to accept a position in the reserve corps, United States Army. Fred G. Campbell was appointed junior assistant July 1, 1908. Dr. Percy L. Dodge was appointed junior assistant Aug. 1, 1908. William D. Sproat, apothecary, resigned Sept. 30, 1908, to enter a medical school. He was a skilled druggist, a painstaking and competent teacher in our training school, and a most genial member of our household, and after a service of eight years left the hospital with the hearty well wishes of every one connected with it. His place has been filled by the appointment of George E. Pareseau.

We wish to thank the proprietors of the "Worcester Evening Gazette" and the "Fitchburg Sentinel" for copies of their papers, and the Worcester Employment Society for their valuable assistance in sewing.

H. M. QUINBY, M.D.,

Superintendent.

Nov. 30, 1908.

PRODUCTS OF THE FARM

ON HAND DEC. 1, 1908, AND NOT DELIVERED AT THE HOSPITAL.

Beets, bushels,	327	Leeks, bushels,	100
Cabbage, heads,	10,000	Parsnips, bushels,	375
Carrots, bushels,	546	Turnips, barrels,	474
Celery, boxes,	910		

FARM ACCOUNT.

Dr.		
Bread,		\$408 53
Butter,		1,236 08
Blacksmith and supplies,		464 40
Carriages and wagons, repairs,		312 40
Current expenses,		2,143 68
Fertilizers,		688 60
Fish,		240 22
Fuel,		656 45
Furnishings,		137 76
Groceries, etc.,		3,087 44
Harness and repairs,		444 91
Hay, grain, etc.,		7,874 53
Ice,		240 46
Lights,		35 51
Live stock: —		
Cows,		1,292 00
Pigs,		104 00
Horses,		1,205 00
Meats,		2,203 31
Milk,		853 10
Repairs,		1,932 17
Seeds,		212 45
Sugar,		418 42
Tools,		786 90
Wages,		11,944 98
		<hr/>
		\$38,923 30

CR.

Apples, 445.5 barrels,	\$1,336 50
Asparagus, 6.33 boxes,	26 92
Beans, lima, 34.5 bushels,	51 75
Beans, green, 79.5 bushels,	79 50
Beets, 373 bushels,	186 50
Beef, 2 sides, 1,166 pounds,	93 28
Beef, 22 sides, 6,446 pounds,	386 76
Brussels sprouts, 96 quarts,	10 56
Bags grain, sold, 1,050,	23 00
Cabbage, 8,491 heads,	424 55
Carrots, 338.5 bushels,	203 10
Cauliflower, 29.5 boxes,	29 50
Cases, wooden, sold, 37,	14 80
Celery, 523.5 boxes,	444 97
Cider, 1,515 gallons,	151 50
Corn, green, 1,127 bushels,	845 25
Cucumbers, 55.5 boxes,	111 00
Cucumber pickles, 384 pecks,	153 60
Citron, 6 bushels,	2 70
Dandelions, 45 bushels,	33 75
Egg plant, 59.5 pounds,	1 59
Feed:—	
Bran, 700 pounds,	10 45
Corn, whole, 200 pounds,	3 00
Hay, 21.1156 tons,	405 00
Ice, 1,250 tons,	3,750 00
Kale, 130 bushels,	39 00
Lettuce, 503.5 boxes,	377 63
Leeks, 58 bushels,	20 30
Manure, 61 cords,	366 00
Milk, 302,965 quarts,	15,148 25
Oats, 1,013 bushels,	642 12
Onions, 597 bushels,	507 45
Parsley, 3 bushels,	1 50
Parsnips, 171 bushels,	128 25
Pears, 17.5 bushels,	30 62
Peas, green, 179.5 bushels,	179 50
Peppers, 1.25 bushels,	94
Pork sold, 14,577 pounds,	1,195 08
Potatoes, 291 bushels,	232 80
Plants sold, 12,555,	61 55
Radishes, 391.75 dozen bushels,	156 70

Amount carried forward, \$27,867 22

<i>Amount brought forward,</i>	.	.	.	.	.	.	\$27,867 22
Rhubarb, 11,060 pounds,	.	.	.	.	.	.	221 20
Salsify, 13 dozen,	.	.	.	.	.	.	9 75
Scallions, 30.5 bushels,	.	.	.	.	.	.	15 25
Spinach, 200 bushels,	.	.	.	.	.	.	80 00
Squash, summer, 44 barrels,	.	.	.	.	.	.	44 00
Squash, winter, 1,121.6 barrels,	.	.	.	.	.	.	1,682 40
Sand, 349.25 yards,	.	.	.	.	.	.	492 43
Strawberries, 4,080 quarts,	.	.	.	.	.	.	326 40
Straw, oat, 6.925 tons,	.	.	.	.	.	.	84 01
Swill sold, lot, eight months,	.	.	.	.	.	.	96 00
Tomatoes, ripe, 764.5 bushels,	.	.	.	.	.	.	573 38
Tomatoes, green, 78 bushels,	.	.	.	.	.	.	39 00
Tomatoes, green, sold, 1 bushel,	.	.	.	.	.	.	50
Turnips, 100.6 barrels,	.	.	.	.	.	.	125 75
Veal, whole, 1,407.5 pounds,	.	.	.	.	.	.	154 82
Wood, sold, 5 loads,	.	.	.	.	.	.	5 00
Live stock sold: —							
Calves, 28,	.	.	.	.	.	.	152 79
Cows, 27, .	.	.	.	.	.	.	811 40
Pigs, 16, .	.	.	.	.	.	.	75 00
Hides sold, 22, 1,886 pounds,	.	.	.	.	.	.	108 75
Skins, calf, sold, 8, 218 pounds,	.	.	.	.	.	.	13 90
Team labor, 965 days,	.	.	.	.	.	.	3,860 00
Patients' labor, 3,176 days,	.	.	.	.	.	.	3,176 00
Attendants' labor, 1,312 days,	.	.	.	.	.	.	1,968 00
Total receipts,	.	.	.	.	.	.	\$41,982 95

OFFICERS AND THEIR SALARIES.

RESIDENTS.

Superintendent (per annum),	\$3,000 00
First assistant physician (per annum),	1,500 00
Assistant physician (per annum), 4, at	1,000 00
Assistant physician (per annum), 4, at	400 00
Pathologist (per annum),	1,000 00
Superintendent of nurses (per annum),	800 00
Steward (per annum),	1,200 00
Matron (per annum),	800 00
Farmer (per month),	75 00

NON-RESIDENTS.

Druggist (per week),	\$16 00
Treasurer (per annum),	500 00
Auditor (per annum),	75 00
Clerk (per month),	75 00
Engineer (per week),	25 00

VALUATION OF PERSONAL ESTATE

Nov. 30, 1908.

Provisions and groceries,	\$12,465 25
Ready-made clothing,	2,416 52
Dry goods: —	
For clothing,	328 56
For bedding, etc.,	1,246 32
Furnishings: —	
Beds and bedding in inmates' department,	32,739 50
Other furnishings in inmates' department,	20,447 01
Personal property of State in superintendent's department,	13,682 41
All other property,	26,126 75
Heat, light and power: —	
Fuel,	6,481 87
All other property,	14 80
Repairs and improvements: —	
Machinery and mechanical fixtures,	48,098 09
All other property,	1,842 35
Farm, stable and grounds: —	
Live stock on the farm,	23,462 00
Produce of the farm on hand,	9,447 14
Carriages and agricultural implements,	7,870 00
All other property,	4,810 52
Miscellaneous: —	
Drugs and medicines,	875 15
Tobacco,	156 74
Library,	5,537 68
Other supplies undistributed,	6,646 70
Total,	\$224,695 36

TREASURER'S REPORT.

To the Trustees of the Worcester Insane Hospital.

I hereby submit my annual report on the finances of the Worcester Insane Hospital for the year ending Nov. 30, 1908.

RECEIPTS.

Received from cities and towns for support of patients, .	\$1,078 52
from individuals for support of patients, . . .	47,683 09
from individuals for support of patients, reim- bursements,	14,140 72
from interest on bank balance,	572 81
from farm and farm products,	2,912 46
from sales from store,	425 24
from sale of sundries,	2,221 69
from Commonwealth for current expenses, . . .	296,829 94
from Commonwealth from special appropriations, .	6,483 81
<hr/>	
Total receipts,	\$372,348 28

EXPENDITURES.

Pay roll,	\$103,641 39
Food: —	
Butter,	\$13,540 76
Beans,	957 35
Bread and crackers,	462 56
Cereals, rice, meal, etc.,	1,738 11
Cheese,	747 95
Eggs,	6,125 62
Flour,	11,259 10
Fish,	3,757 42
Fruit (dried and fresh),	2,835 95
Meats,	23,809 73
Milk,	5,553 34
Molasses and syrup,	419 66
<hr/>	

Amounts carried forward, \$71,207 55 \$103,641 39

<i>Amounts brought forward,</i>				\$71,207 55	\$103,641 39
Sugar,	.	.	.	6,018 53	
Tea, coffee, broma and cocoa,	.	.	.	1,419 26	
Vegetables,	.	.	.	5,212 70	
Sundries,	.	.	.	2,689 41	
					86,547 45
Clothing and clothing material:—					
Boots, shoes and rubbers,	.	.	.	\$2,643 70	
Clothing,	.	.	.	5,726 36	
Dry goods for clothing, and small wares,	.	.	.	2,464 80	
Furnishing goods,	.	.	.	1,287 94	
Hats and caps,	.	.	.	108 96	
Leather and shoe findings,	.	.	.	55 13	
Sundries,	.	.	.	113 11	
					12,400 00
Furnishings:—					
Beds, bedding, table linen, etc.,	.	.	.	\$4,068 30	
Brushes, brooms, etc.,	.	.	.	506 80	
Carpets, rugs, etc.,	.	.	.	936 32	
Crockery, glassware, cutlery, etc.,	.	.	.	1,450 12	
Furniture and upholstery,	.	.	.	2,570 77	
Kitchen furnishings,	.	.	.	477 67	
Wooden ware, buckets, pails, etc.,	.	.	.	271 15	
Sundries,	.	.	.	1,063 81	
					11,344 94
Heat, light and power:—					
Coal,	.	.	.	\$26,738 02	
Gas,	.	.	.	462 45	
Oil,	.	.	.	271 51	
Sundries,	.	.	.	157 62	
					27,629 60
Repairs and improvements:—					
Brick,	.	.	.	\$37 80	
Cement, lime and plaster,	.	.	.	643 29	
Doors, sashes, etc.,	.	.	.	748 43	
Electrical work and supplies,	.	.	.	1,229 47	
Hardware,	.	.	.	919 58	
Lumber,	.	.	.	2,268 62	
Machinery, etc.,	.	.	.	276 60	
Paints, oil, glass, etc.,	.	.	.	1,783 10	
Plumbing, steam fitting and supplies,	.	.	.	1,846 40	
Roofing and materials,	.	.	.	852 41	
Mechanics and laborers (not on pay roll),	.	.	.	—	
Sundries,	.	.	.	3,108 52	
					13,714 22
<i>Amount carried forward,</i>	.	.	.		\$255,277 60

Amount brought forward, \$255,277 60

Farm, stable and grounds:—

Blacksmith and supplies,	\$659 28
Carriages, wagons, etc., and repairs,	1,053 81
Fertilizers, vines, seeds, etc.,	959 20
Hay, grain, etc.,	9,837 40
Harness and repairs,	721 05
Horses,	1,555 00
Cows,	1,547 00
Other live stock,	104 00
Labor (not on pay roll),	—
Rent,	348 00
Tools, farm machines, etc.,	889 41
Sundries,	1,933 71

19,607 86

Miscellaneous:—

Books, periodicals, etc.,	\$422 29
Chapel services and entertainments,	488 40
Freight, expressage and transportation,	341 54
Funeral expenses,	367 00
Gratuities,	32 90
Hose, etc.,	42 88
Ice,	4 00
Labor (not on pay roll),	35 50
Medicines and hospital supplies,	1,776 52
Medical attendance, nurses, etc. (extra),	73 20
Postage,	473 76
Printing and printing supplies,	531 14
Return of runaways,	174 83
Soap and laundry supplies,	3,089 94
Stationery and office supplies,	474 19
School books and school supplies,	277 20
Travel and expenses (officials),	172 34
Telephone and telegraph,	151 35
Tobacco,	1,481 90
Water,	4,570 07
Sundries,	1,963 53

16,944 48

Total,	\$291,829 94
Paid out of special appropriations,	6,483 81
Receipts paid to State Treasurer,	69,034 53
Balance on hand,	5,000 00

Total expenditures, \$372,348 28

RESOURCES.

Balance at State treasury (for maintenance),	\$6,501 28
Balance at State treasury (for special appropriations),	59,195 44
Total resources,	\$65,696 72

LIABILITIES.

Due for salaries and wages,	\$9,326 47
Due for all other current expenses,	14,915 26
Due for special appropriations,	3,861 05
Total liabilities,	\$28,102 78

Special Appropriations.

OBJECT.	Resolves.	Whole Amount.	Expended since Nov. 30, 1907.	Expended to Date.	Balance Dec. 1, 1908.
Male nurses' home,	1906, chap. 500,	\$55,000 00	\$2,079 25	\$55,000 00	—
Alterations in old buildings for bath-rooms and work shops.	1907, chap. 113,	6,000 00	2,178 62	2,178 62	\$3,821 38
Construction of iron staircase and elevator.	1907, chap. 113,	7,600 00	1,021 54	1,021 54	6,578 46
Addition to main building,	1908, chap. 146,	50,000 00	1,204 40	1,204 40	48,795 60

PATIENTS' FUNDS.

Balance on hand Nov. 30, 1907,	\$3,663 27
Receipts,	2,478 53
Interest on bank balance,	53 22
	\$6,195 02
Interest paid to State Treasurer,	\$385 62
Refunded,	1,764 08
	2,149 70
	\$4,045 32

Investments.

Worcester County Institution for Savings,	\$2,000 00
Worcester Five Cents Savings Bank,	1,000 00
Balance Mechanics National Bank,	837 77
Cash on hand Dec. 1, 1908,	207 55
	\$4,045 32

Respectfully submitted,

ALBERT WOOD,

Treasurer.

Nov. 30, 1908.

STATEMENT OF FUNDS.

LEWIS FUND.

Balance on hand Nov. 30, 1907,	. . .	\$1,314 69	
Income,	. . . . .	54 78	
			\$1,369 47
Expended for books, etc.,	. . . . .		19 23
			<u>\$1,350 24</u>

Investment.

Chicago, Burlington & Quincy Railroad bond,	. . .	\$926 36	
Worcester County Institution for Savings,	. . .	342 60	
Balance Mechanics National Bank,	. . .	81 28	
			<u>\$1,350 24</u>

WHEELER FUND.

Balance on hand Nov. 30, 1907,	. . .	\$4,906 99	
Income,	. . . . .	215 39	
			\$5,122 38
Expended for books, etc.,	. . . . .		116 63
			<u>\$5,005 75</u>

Investment.

3 shares Worcester National Bank,	. . .	\$570 00	
American Telephone and Telegraph Company			
bond,	. . . . .	712 50	
Worcester County Institution for Savings,	. . .	1,600 00	
Worcester Five Cents Savings Bank,	. . .	1,719 47	
Mechanics Savings Bank,	. . . . .	142 52	
Balance Mechanics National Bank,	. . .	261 26	
			<u>\$5,005 75</u>

LAWN FUND.

Balance Mechanics Savings Bank Nov. 30, 1907,	\$651 26	
Income,	26 18
		<u>\$677 44</u>

Investment.

Mechanics Savings Bank,	\$677 44
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MANSON FUND.

Balance in Worcester County Institution for

Savings, Nov. 30, 1907,	\$1,417 10
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Income,	56 68
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 \$1,473 78

Expended for plants,	55 25
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 \$1,418 53

Investment.

Worcester County Institution for Savings,	\$1,418 53
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Respectfully submitted,

ALBERT WOOD,

Treasurer of Corporation.

Nov. 30, 1908.

WORCESTER, MASS., Dec. 22, 1908.

I hereby certify that I have this day compared the treasurer's statement of receipts and disbursements for the year ending Nov. 30, 1908, with the books kept at the Worcester Insane Hospital, and find it correct. I have also inspected the securities representing the invested funds of the institution and find that their value is as stated.

GEO. L. CLARK,

Auditor of Accounts.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. --- General Statistics of the Year.

	INSANE.			DIPSOMANIAC OR INEBRIATE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the house Oct. 1, 1907.									
Admitted within the year.	584	569	1,153	-	7	7	584	576	1,160
Viz.: by commitment, ¹	354	287	641	-	13	13	354	300	654
by transfer.	265	242	507	-	10	10	265	252	517
from visit, ²	12	11	23	-	-	-	12	11	23
from escape, ²	60	33	93	-	3	3	60	36	96
Whole number of cases within the year.	17	1	18	-	-	-	17	1	18
Dismissed within the year.	938	856	1,794	-	20	20	938	876	1,814
Viz.: Discharged,	332	252	584	-	14	14	332	268	598
as recovered at time of leaving hospital,	137	88	225	-	14	14	137	102	239
as capable of self-support, ²	42	42	84	-	11	11	42	53	95
as improved.	40	16	56	-	1	1	40	17	57
as not improved.	27	10	37	-	-	-	27	10	37
as not insane.	28	18	46	-	-	-	28	18	46
Died,	-	2	2	-	-	-	-	2	2
Transferred,	77	43	120	-	-	-	77	43	120
Escaped,	75	83	158	-	-	-	75	83	158
On visit Oct. 1, 1908,	18	-	18	-	-	-	18	-	18
Patients remaining Sept. 30, 1908,	25	38	63	-	1	1	25	39	64
Viz.: supported as town patients,	605	604	1,210	-	6	6	606	610	1,216
as State patients,	500	441	941	-	2	2	500	443	943
as private patients,	-	-	-	-	2	2	-	2	2
as reimbursing patients,	57	109	166	-	2	2	57	111	168
Number of different persons within the year,	49	54	103	-	-	-	49	54	103
Number of different persons admitted,	876	810	1,686	-	16	16	876	835	1,711
Number of different persons admitted by commitment,	292	233	525	-	10	10	293	263	556
Number of different persons dismissed,	264	231	495	-	10	10	264	251	515
Number of different persons recovered,	271	219	490	-	11	11	271	230	501
Number of different persons discharged capable of self-support,	42	42	84	-	11	11	42	53	95
Daily average number of patients,	40	16	56	-	1	1	40	17	57
Viz.: State patients,	589.49	591.10	1,180.59	-	8.86	8.86	589.49	599.96	1,189.45
private patients,	490.60	442.27	932.87	-	4.55	4.55	490.60	446.82	937.42
reimbursing patients,	58.22	105.23	163.45	-	3.14	3.14	58.22	3.14	3.14
	40.67	43.60	84.27	-	1.17	1.17	40.67	43.60	84.27

¹ One person committed as insane found to be sane.

² Nominally admitted for discharge: from visit: 49 men, 35 women, total, 84 patients; from escape: 11 men, 1 woman, total, 12 patients.

2. — *Insane received on First and Subsequent Commitment.*

NUMBER OF THE COMMITMENT.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	241	207	448
Second to this hospital,	17	22	39
Third to this hospital,	5	6	11
Fourth to this hospital,	1	1	2
Fifth to this hospital,	—	2	2
Sixth to this hospital,	1	2	3
Seventh to this hospital,	—	1	1
Ninth to this hospital,	—	1	1
Total cases,	265	242	507
Total persons,	259	238	497
Never before in any hospital for the insane,	221	188	409

One patient committed as insane found to be sane.

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patient.	Father.	Mother.	Patient.	Father.	Mother.	Patient.	Father.	Mother.
Massachusetts,	79	36	33	65	17	22	144	53	55
Other New England States,	16	15	19	21	16	15	37	31	34
Other States,	11	14	9	11	12	15	22	26	24
Total native,	106	65	61	97	45	52	203	110	113
Other countries: —									
Armenia,	—	1	1	—	—	—	—	1	1
At sea,	—	1	—	—	—	—	—	1	—
Austria,	3	2	2	—	—	—	3	2	2
Belgium,	—	—	—	1	1	1	1	1	1
Canada,	11	15	16	12	18	17	23	33	33
Cape Breton,	1	—	—	—	—	—	1	—	—
England,	8	13	13	4	8	6	12	21	19
Finland,	3	2	2	4	4	4	7	6	6
Germany,	3	5	2	5	10	8	8	15	10
Greece,	1	2	1	—	—	—	1	2	1
Guiana,	1	1	1	—	—	—	1	1	1
Hungary,	—	—	—	1	1	1	1	1	1
India,	—	—	—	—	—	1	—	—	1
Ireland,	39	62	66	35	65	59	74	127	125
Italy,	4	4	4	1	3	2	5	7	6
Macedonia,	1	1	1	—	—	—	1	1	1
New Brunswick,	7	6	7	3	1	3	10	7	10
Newfoundland,	1	1	1	1	1	1	2	2	2
Norway,	—	—	1	—	—	—	—	—	1
Nova Scotia,	1	—	1	8	6	7	9	6	8
Poland,	3	3	3	1	1	1	4	4	4
Portugal,	1	—	—	—	1	1	1	1	1
Prince Edward Island,	2	2	2	—	—	—	2	2	2
Russia,	4	5	5	5	4	5	9	9	10
Scotland,	4	4	4	1	3	2	5	7	6
Spain,	—	—	1	—	—	—	—	—	1
Sweden,	11	13	12	6	8	8	17	21	20
Turkey,	3	2	2	—	—	—	3	2	2
Wales,	—	—	—	—	—	1	—	—	1
West Indies,	—	—	—	2	2	2	2	2	2
Total foreign,	112	145	148	90	137	130	202	282	278
Unknown,	3	11	12	1	6	6	4	17	18
Totals,	221	221	221	188	188	188	409	409	409

4. — *Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Massachusetts (by counties): —									
Essex,	—	—	—	—	1	1	—	1	1
Hampshire,	—	1	1	1	—	1	1	1	2
Middlesex,	45	49	94	9	16	25	54	65	119
Norfolk,	4	6	10	1	1	2	5	7	12
Suffolk,	55	40	95	14	8	22	69	48	117
Worcester,	117	92	209	18	27	45	135	119	254
Totals,	221	188	409	43	53	96	264	241	505
Cities or large towns (10,000 or over),	188	158	346	37	40	77	225	198	423
Country districts (under 10,000),	33	30	63	6	13	19	39	43	82

One patient committed as insane found to be sane.

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	93	79	172
Married,	97	76	173
Widowed,	30	29	59
Divorced,	1	4	5
Totals,	221	189	409

6. — *Occupation of Insane Persons first admitted to Any Hospital.*

FEMALES.	
Cooks,	5
Domestics,	34
Dressmakers,	2
Housekeepers,	16
Housewives,	72
Librarian's assistant,	1
Milliner,	1
Operatives,	15
Peddler,	1
Tailoress,	1
Teacher,	1
Waitress,	1
No occupation,	38
Total,	188

MALES.	
Actor,	1
Armorer,	1
Baker,	1
Barbers,	2
Blacksmith,	1
Bookkeeper,	1
Bootblack,	1
Carpenters,	14
Chair maker,	1
Cigar maker,	1
Clerks,	11
Coachmen,	2
Cook,	1
Engineers,	3
Farmers,	11
Grocers,	2
Harness makers,	1
House painters,	4
Inspector,	1
Janitor,	1
Laborers,	67
Lodging-house keeper,	1
Machinists,	10
Mail carrier,	1
Marble worker,	1
Masons,	2
Mechanics,	4
Motorman,	1
Moulders,	2
Operatives,	10
Paper maker,	1
Peddler,	1
Physician,	1
Piano maker,	1
Plasterer,	1
Plumbers,	2
Porter,	1
Potter,	1
Pressman,	1
Proof reader,	1
Sailors,	3
Seissor grinder,	1
Shoe makers,	5
Stenographer,	1
Student,	1
Tailor,	1
Telegrapher,	1
Waiters,	4
Wood workers,	4
No occupation,	25
Total,	217
Unknown,	4
Total,	221

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.		
	AT FIRST ATTACK.			AT FIRST ATTACK.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
	WHEN ADMITTED.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	4	15	19	1	2	3
15 years and less,	8	1	9	1	—	1
From 15 to 20 years,	9	7	16	4	—	4
20 to 25 years,	23	18	41	1	3	4
25 to 30 years,	19	25	44	1	2	3
30 to 35 years,	23	26	49	8	5	13
35 to 40 years,	21	18	39	7	3	10
40 to 50 years,	40	33	73	15	9	24
50 to 60 years,	27	19	46	12	4	16
60 to 70 years,	18	11	29	14	8	22
70 to 80 years,	11	9	20	9	4	13
Over 80 years,	3	3	6	4	3	7
Totals,	206	185	391	77	43	120
Unknown,	15	2	17	—	—	—
Not insane,	—	1	1	—	—	—
Totals,	221	188	409	77	43	120
Mean known ages (in years),	35.5	38.7	37.0	50.9	56.6	56.2

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
	Males.	Females.	Totals.	HEREDITARY TENDENCY.		NEUROTIC TENDENCY.		ALCOHOLIC INTemperance.	
				Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcohol,	48	11	59	7	1	8	12	48	59
Alcohol and other causes,	21	5	26	2	1	3	12	21	26
Arterio sclerosis,	2	5	7	—	—	—	—	1	1
Cerebral hemorrhage,	6	1	7	—	—	—	3	1	—
Childbirth,	—	2	2	—	1	1	—	1	—
Childbirth and other causes,	—	4	4	—	1	1	—	—	—
Chorea,	—	1	1	—	—	—	—	—	—
Cocaine,	1	—	1	—	—	—	1	—	—
Congenital,	1	3	4	—	1	1	—	—	—
Consanguinity,	2	—	2	2	—	2	—	—	—
Constitutional predisposition,	8	16	24	1	—	1	5	—	—
Epilepsy,	9	4	13	1	—	1	5	1	1
Epilepsy and other causes,	2	—	2	—	—	—	—	—	—
Excessive use of tea,	—	1	1	—	1	1	—	—	—
Heredity,	15	21	36	15	21	36	9	2	2
Heredity and other causes,	5	3	8	5	3	8	2	1	1
Ill health,	5	8	13	1	1	2	1	—	—
Ill health and other causes,	2	4	6	1	—	1	—	—	—
Insolation,	1	—	1	—	—	—	—	—	—

Involution, . . . . .	.	.	.	.	.	9	2	7	9	2	2	1	2	3	1	1	1
Involution and other causes,	.	.	.	.	.	5	1	5	5	1	1	1	1	1	1	1	1
Morphine, . . . . .	.	.	.	.	.	1	1	5	1	1	1	1	1	1	1	1	1
Overwork, . . . . .	.	.	.	.	.	3	2	1	3	1	1	1	1	1	1	1	1
Overwork and other causes,	.	.	.	.	.	2	1	2	2	1	1	1	1	1	1	1	1
Pregnancy, . . . . .	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Privation, . . . . .	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Puerperium, . . . . .	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
Senility, . . . . .	.	.	.	.	.	25	25	13	25	1	25	3	1	3	1	8	1
Senility and other causes,	.	.	.	.	.	13	5	13	18	1	1	1	1	1	1	1	1
Syphilis, . . . . .	.	.	.	.	.	3	22	3	25	6	6	4	1	5	9	1	9
Trauma, . . . . .	.	.	.	.	.	1	2	1	3	1	1	1	1	1	1	1	1
Trauma and other causes,	.	.	.	.	.	2	2	1	2	1	1	1	1	1	1	1	1
<i>Mental.</i>																	
Bereavement, . . . . .	.	.	.	.	.	3	—	3	3	—	—	—	1	1	—	—	—
Domestic trouble, . . . . .	.	.	.	.	.	2	—	2	2	—	—	—	1	1	—	—	—
Domestic trouble and other causes,	.	.	.	.	.	3	—	3	3	—	—	—	1	1	—	—	—
Fright, . . . . .	.	.	.	.	.	1	—	1	1	—	—	—	—	—	—	—	—
Worry, . . . . .	.	.	.	.	.	10	1	10	11	—	4	1	3	4	—	—	—
Worry and other causes,	.	.	.	.	.	11	—	11	11	—	—	—	2	2	—	—	—
Totals, . . . . .	.	.	.	.	.	154	190	154	344	44	84	61	44	105	94	18	112
Unknown, . . . . .	.	.	.	.	.	33	31	33	64	2	2	8	7	15	4	—	4
Not insane, . . . . .	.	.	.	.	.	1	—	1	1	—	—	—	—	—	—	—	—
Totals, . . . . .	.	.	.	.	.	188	221	188	409	46	86	69	51	120	98	18	116

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	4	15	19
Under 1 month,	52	44	96
From 1 to 3 months,	43	25	68
3 to 6 months,	21	24	45
6 to 12 months,	17	13	30
1 to 2 years,	19	16	35
2 to 5 years,	30	23	53
5 to 10 years,	7	17	24
10 to 20 years,	8	4	12
Over 20 years,	5	4	9
Totals,	206	185	391
Unknown,	15	2	17
Not insane,	—	1	1
Totals,	221	188	409
Average known duration (in years), .	2.3	4.1	3.2

10. — Form of Mental Disease in Patients committed, discharged, with Condition on Discharge, or died.

FORM OF DISEASE.

A. — First admitted to any hospital: —

First admitted to any hospital.	Discharged.																					Totals.
	Totals.																					
	Totals.																					
Acute hallucinosis,	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Alcoholic insanity, acute: —	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Alcoholic depression,	1	3	8	2	3	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Alcoholic hallucinosis,	11	11	11	12	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Delirium tremens,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Alcoholic insanity, chronic: —	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Alcoholic deterioration,	7	-	7	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Alcoholic hallucinosis,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Alcoholic paranoic condition,	15	4	19	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Polynouritis psychosis,	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Constitutional depression,	4	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Constitutional inferiority,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Delirium, acute,	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Delirium, depressive,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Dementia praecox,	62	54	116	1	1	2	17	3	20	1	4	14	10	4	14	6	5	11	44	16	60	3
Epileptic insanity,	8	5	13	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	3
Exhaustion psychosis,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
General paralysis of the insane,	40	14	54	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	33
Hysterical insanity,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Imbecility,	5	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Involuntary psychosis,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive insanity: —	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Circular form,	1	16	17	-	-	-	1	3	4	1	1	2	-	-	-	-	-	-	-	-	-	1
Depressed form,	8	11	19	5	10	15	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-	13
Manic form,	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Manic-delirious form,	2	12	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Mixed form,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Melancholia, involution,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melancholia, senile,	12	1	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Organic dementia,	9	19	28	-	-	-	3	1	4	1	1	1	3	2	3	3	3	6	10	4	19	4
Paranoic condition,	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Paranoic condition, senile,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Senile dementia,	22	16	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Toxic insanity, acute: —	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
Delirium,	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Not insane,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Totals,	221	188	409	34	27	61	30	12	42	23	7	30	20	12	32	-	1	1	66	38	104	173

11. — *Discharges of the Insane, classified by Admission and Result.*

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, .	36	32	68	33	13	46	27	9	36	24	17	41	—	1	1	70	38	108	190	110	300
Second to this hospital, .	3	4	7	3	2	5	—	1	1	4	1	5	—	1	1	6	2	8	16	11	27
Third to this hospital, .	2	3	5	2	—	2	—	—	—	—	—	—	—	—	—	—	2	2	4	5	9
Fourth to this hospital, .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	1	1	1	1	2
Fifth to this hospital, .	1	1	2	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	2	3
Sixth to this hospital, .	—	1	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Eighth to this hospital, .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	1	2
Total cases, .	42	42	84	40	16	56	27	10	37	28	18	46	—	2	2	77	43	120	214	131	345
Total persons, .	42	42	84	40	16	56	27	10	37	28	18	46	—	2	2	77	43	120	214	131	345
First admitted to any hospital, . . .	34	27	61	30	12	42	23	7	30	20	12	32	—	1	1	66	38	104	173	97	270

[illegible]

12. — Causes of Death, and Form of Mental Disease in Persons who died — Concluded.

CAUSES OF DEATH.	ACUTE DELIRIUM.		MANIC-DEPRESSIVE INSANITY.		ALCOHOLIC INSANITY, ACUTE.		ALCOHOLIC INSANITY, CHRONIC.		SENILE MELANCHOLIA.		HUNTINGTON'S CHOREA.		CONSTITUTIONAL INFIRMITY.		TOXIC DELIRIUM, ACUTE.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
I. General diseases: —																
Carcinoma of arm,																
Carcinoma of neck and ear,																
Exhaustion,																
Exhaustion of general paralysis,																
Facial erysipelas,			1													
Gangrene of leg,																
General septicæmia,																
II. Diseases of the nervous system: —																
Cerebral hemorrhage,																
Cerebral hemorrhage and broncho-pneumonia,																
Multiple neuritis,					1											
III. Diseases of the circulatory system: —																
Acute fibrinous pericarditis,																
Arterio sclerosis,	1															
Chronic myocarditis,			1													
Chronic myocarditis and chronic interstitial nephritis,																
Ruptured heart,																
Valvular heart disease,				1												
Valvular heart disease and gastric ulcer,				1												
IV. Diseases of the respiratory system: —																
Broncho-pneumonia,	1				1											
Broncho-pneumonia and diabetic coma,																
Hypostatic pneumonia,																
Lobar pneumonia,																
Lobar pneumonia and valvular heart disease,							1									
Pulmonary tuberculosis,																
Tubercular pneumonia,											1				2	

[illegible]

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month, . . .	20	17	37	9	1	10	3	1	4	—	—	—
From 1 to 3 months, . . .	9	5	14	13	11	24	15	6	21	—	—	—
3 to 6 months, . . .	—	2	2	6	5	11	5	6	11	1	—	1
6 to 12 months, . . .	5	1	6	5	6	11	8	8	16	5	3	8
1 to 2 years, . . .	—	2	2	1	3	4	3	3	6	1	6	7
2 to 5 years, . . .	—	—	—	—	1	1	—	3	3	1	5	6
5 to 10 years, . . .	—	—	—	—	—	—	—	—	—	—	1	1
10 to 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	34	27	61	34	27	61	34	27	61	8	15	23
Unknown, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	34	27	61	34	27	61	34	27	61	8	15	23
Average of known cases (in months), . . .	1.6	2.3	1.9	3.2	6.3	4.6	4.9	8.6	6.7	10.1	24.4	19.4
										9.0	16.9	14.1

B. — Died: —	15	9	24	16	6	22	5	2	7	—	—	—	1	—	1
Under 1 month,	12	4	16	15	4	19	6	4	10	—	—	—	—	—	—
From 1 to 3 months,	2	4	6	9	2	11	5	1	6	—	—	—	—	—	—
3 to 6 months,	9	3	12	5	9	14	4	4	8	—	—	—	1	—	1
6 to 12 months,	8	5	13	9	1	10	9	5	14	—	—	—	—	—	—
1 to 2 years,	13	7	20	10	10	20	22	10	32	3	3	—	4	—	4
2 to 5 years,	3	2	5	2	5	7	10	6	16	1	2	—	2	—	3
5 to 10 years,	1	2	3	—	—	—	3	3	6	1	1	—	1	—	3
10 to 20 years,	3	2	5	—	1	1	2	3	5	4	—	3	2	—	3
Over 20 years,															
Totals, .	66	38	104	66	38	104	66	38	104	11	5	16	11	5	16
Unknown,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, .	66	38	104	66	38	104	66	38	104	11	5	16	11	5	16
Average of known cases (in months),	42.8	53.6	46.7	14.1	31.5	20.5	56.9	85.1	67.2	166.0	202.5	167.9	108.1	139.4	117.9

